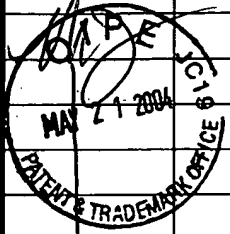
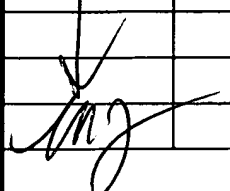
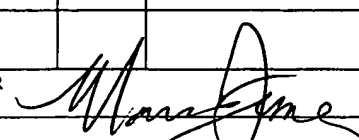


Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Atty. Docket Number 1001-012C1		Serial Number: 10/696,314	
		Applicant(s): Michael J. Czaplicki			
		Filing Date: 10/29/2003		Group: 1733	

U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
 	3,123,170	Mar-64	Bryant				
	3,493,257	Feb-70	Fitzgerald, et al.				
	3,665,968	5/30/72	DePutter				
	4,019,301	4/26/77	Fox				
	4,082,825	4/4/78	Puterbaugh				
	4,238,540	12/9/80	Yates, et al.				
	4,397,490	Aug-83	Evans, et al.				
	4,732,806	3/22/88	Wycech				
	4,751,249	Jun-88	Wycech				
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OTHER DOCUMENTS							
(Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER 				DATE CONSIDERED: 5-30-06			

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Atty. Docket Number 1001-012C1		Serial Number: 10/696,314	
		Applicant(s): Michael J. Czaplicki			
		Filing Date: 10/29/2003		Group: 1733	

U.S. PATENT DOCUMENTS							
*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	4,762,352	8/9/88	Enomoto				
	4,803,108	2/7/89	Leuchten, et al.				
	4,836,516	6/6/89	Wycech				
	4,853,270	8/1/89	Wycech				
	4,861,097	8/29/89	Wycech				
	4,898,630	2/6/90	Kitoh, et al.				
	4,901,500	Feb-90	Wycech				
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	4,923,902	5/8/90	Wycech				
	4,978,562	12/18/90	Wycech				
	4,995,545	2/26/91	Wycech				
	5,124,186	Jun-92	Wycech				
	5,213,391	5/25/93	Takagi				
	5,255,487	Oct-93	Wieting, et al.				
	5,266,133	11/30/93	Hanley, et al.				
	5,344,208	9/6/94	Bien, et al.				
	5,373,027	12/13/94	Hanley, et al.				
5,395,135	3/7/95	Lim, et al.					

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OTHER DOCUMENTS		<i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>

EXAMINER	DATE CONSIDERED: 5-30-06
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		Applicant(s): Michael J. Czaplicki			
		Filing Date: 10/29/2003		Group: 1733	

U.S. PATENT DOCUMENTS							
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	5,506,025	4/9/96	Otto, et al.				
	5,575,526	11/19/96	Wycech				
	5,580,120	12/3/96	Nees, et al.				
	5,707,098	1/13/98	Uchida, et al.				
	5,725,272	3/10/98	Jones				
	5,731,069	3/24/98	Delle Donne, et al.				
	5,755,486	5/26/98	Wycech				
	5,766,719	6/16/98	Rimkus				
	5,785,376	7/28/98	Nees, et al.				
	5,786,394	7/28/98	Slaven				
	5,855,094	1/5/99	Baudisch, et al.				
	5,884,960	3/23/99	Wycech				
	5,885,688	3/23/99	McLaughlin				
	5,888,600	3/30/99	Wycech				
	5,934,737	8/10/99	Abouzahr				
	5,984,389	11/16/99	Nuber				
	5,992,923	11/30/99	Wycech				
	6,003,274	12/21/99	Wycech				
	6,022,066	2/8/00	Tremblay, et al.				
	6,058,673	5/9/00	Wycech				
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EXAMINER			DATE CONSIDERED: 5-30-06				

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: <div style="text-align: center;">1001-012C1</div>		Serial Number: <div style="text-align: center;">10/696,314</div>		
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant(s): Michael J. Czaplicki				
		Filing Date: <div style="text-align: center;">10/29/2003</div>		Group: <div style="text-align: center;">1733</div>		
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	3,054,636	09/18/1962	Wessells III			
	3,746,387	07/17/1973	Schwenk			
	3,757,559	09/11/1973	Welsh			
	3,890,108	06/17/1975	Welsh			
	4,090,734	05/23/1978	Inami et al.			
	4,378,395	03/29/1983	Asoshina et al.			
	4,440,434	04/03/1984	Celli			
	4,457,555	07/03/1984	Draper			
	4,559,274	12/17/1985	Kloppe et al.			
	4,610,836	09/09/1986	Wycech			
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Co-pending Application Serial No. 09/631,211; filed August 3, 2000						
EXAMINER				DATE CONSIDERED: 5-30-06		

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Atty. Docket Number: 1001-012C1		Serial Number: 10/696,314	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant(s): Michael J. Czaplicki			
				Filing Date: 10/29/2003		Group: 1733	
U.S. PATENT DOCUMENTS							
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	4,613,177	09/23/1986	Loren et al.				
	4,705,716	11/10/1987	Tang				
	4,917,435	04/17/1990	Bonnett et al.				
	4,989,913	02/05/1991	Moore, III				
	5,102,188	04/07/1992	Yamane				
	5,122,398	06/16/1992	Seiler et al.				
	5,560,672	10/01/1996	Lim et al.				
	5,642,914	07/01/1997	Takabatake				
	5,648,401	07/15/1997	Czaplicki et al.				
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EXAMINER				DATE CONSIDERED: 5-30-06			

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Atty. Docket Number: <div style="text-align: center;">1001-012C1</div>	Serial Number: <div style="text-align: center;">10/696,314</div>
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant(s): Michael J. Czaplicki	
		Filing Date: <div style="text-align: center;">10/29/2003</div>	Group: <div style="text-align: center;">1733</div>

U.S. PATENT DOCUMENTS							
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15	5,649,400	07/22/1997	Miwa				
	5,652,039	07/29/1997	Tremain et al.				
	5,803,533	09/08/1998	Schulz et al.				
	5,804,608	09/08/1998	Nakazato et al.				
	5,806,915	09/15/1998	Takabatake				
	5,806,919	09/15/1998	Davies				
	5,866,052	02/02/1999	Muramatsu				
	5,888,642	03/30/1999	Meteer et al.				
	5,901,528	05/11/1999	Richardson				
	5,904,024	05/18/1999	Miwa				
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EXAMINER M. J. Czaplicki	DATE CONSIDERED: 5-30-06
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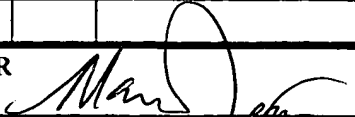
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LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>		Applicant(s): Michael J. Czaplicki			
		Filing Date: <div style="text-align: center;">10/29/2003</div>		Group: <div style="text-align: center;">1733</div>	

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10	5,932,680	08/03/1999	Heider				
	5,941,597	08/24/1999	Horiuchi et al.				
	5,985,435	11/16/1999	Czaplicki et al.				
	5,988,734	11/23/1999	Longo et al.				
	5,994,422	11/30/1999	Born et al.				
	6,004,425	12/21/1999	Born et al.				
	6,033,300	03/07/2000	Schneider				
	6,050,630	04/18/2000	Hochet				
	6,059,342	05/09/2000	Kawai et al.				
	6,068,424	05/30/2000	Wycech				
6,077,884	06/20/2000	Hess et al.					

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EXAMINER	DATE CONSIDERED: 5-30-06
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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Atty. Docket Number: 1001-012C1		Serial Number: 10/696,314	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant(s): Michael J. Czaplicki			
				Filing Date: 10/29/2003		Group: 1733	
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		6,079,180	06/27/2000	Wycech			
		6,082,811	07/04/2000	Yoshida			
		6,090,232	07/18/2000	Seeliger et al.			
		6,092,864	07/25/2000	Wycech et al.			
		6,094,798	08/01/2000	Seeliger et al.			
		6,096,403	08/01/2000	Wycech et al.			
		6,096,791	08/01/2000	Born et al.			
		6,099,948	08/08/2000	Paver, Jr.			
		6,102,379	08/15/2000	Ponslet et al.			
		6,102,473	08/15/2000	Steininger et al.			
		6,103,341	08/15/2000	Barz et al.			
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EXAMINER 				DATE CONSIDERED: 5-30-05			

Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Atty. Docket Number: 1001-012C1		Serial Number: 10/696,314	
LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant(s): Michael J. Czaplicki			
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U.S. PATENT DOCUMENTS							
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	6,103,784	08/15/2000	Hilborn et al.				
	6,110,982	08/29/2000	Russick et al.				
	6,129,410	10/10/2000	Kosaraju et al.				
	6,131,897	10/17/2000	Barz et al.				
	6,135,542	10/24/2000	Emmelmann et al.				
	6,149,227	11/21/2000	Wycech				
	6,150,428	11/21/2000	Hanley, IV et al.				
	6,152,260	11/28/2000	Eipper et al.				
	6,153,709	11/28/2000	Xiao et al.				
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EXAMINER	DATE CONSIDERED: 5-30-06
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Sheet 1 of 3		Application Number 10/696,314	Filing Date 10/29/2003
		First Named Inventor Michael J. Czaplicki	Group Art Unit 1733
		Examiner Name Unknown	Attorney Docket Number 1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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		1,814,677		A. Fennema	05/03/1930	
		4,029,128		Yamagishi	06/14/1977	
		4,083,384		Horne et al.	04/11/1978	
		4,463,870		Coburn, Jr. et al.	08/07/1984	
		4,695,343		Wycech	09/22/1987	
		4,769,391		Wycech	09/06/1988	
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		4,984,406		Friesen	01/15/1991	
		5,040,803		Cieslik et al.	08/20/1991	
		5,072,952		Irrgeher et al.	12/17/1991	
		5,358,397		Ligon et al.	10/25/1994	
		5,382,397		Turner, Jr.	01/17/1995	
		5,577,784		Nelson	11/26/1996	
		5,819,408		Catlin	10/13/1998	
		5,851,626		McCorry et al.	12/22/1998	
		5,871,849		Lepine	02/16/1999	
		5,878,784		Sales et al.	03/09/1999	
		5,894,071		Merz et al.	04/13/1999	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
			2 539 693	Regie Nat. Des Usi	01/25/1983		
			GB 2 156 412 A	BKL Extrusions	10/09/1985		
			DE 3627725 A1	Daimler-Benz AG	02/25/1988		
			WO 01/57130	Denovus LLC	08/09/2001		
			WO 01/54936	Sika Corporation	08/02/2001		
			WO 01/56845	Sika Corporation	08/09/2001		
			WO 01/71225	Sika Corporation	09/27/2001		
			DE 198 12 288 C1	Moeller Plast	05/27/1999		X
			WO 00/37302	Opel	06/29/2000		X
			DE 196 48 164 A1	Wilhelm Karmann	05/28/1998		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet 2 of 3		Application Number 10/696,314	Filing Date 10/29/2003
		First Named Inventor Michael J. Czaplicki	Group Art Unit 1733
		Examiner Name Unknown	Attorney Docket Number 1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
15		5,901,752		Lundman	05/11/1999	
		6,006,484		Geissbuhler	12/28/1999	
		6,053,210		Chapman et al.	04/25/2000	
		6,073,991		Naert	06/2000	
		6,146,565		Keller	11/14/2000	
		6,174,932		Pachl et al.	01/16/2001	
		6,189,953		Wycech	02/20/2001	
		6,196,621		VanAssche et al.	03/06/2001	
		6,197,403		Brown et al.	03/06/2001	
		6,199,940		Hopton et al.	03/13/2001	
		6,232,433		Narayan	05/15/2001	
		6,233,826		Wycech	05/22/2001	
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		6,247,287		Takabatake	06/2001	
		6,253,524		Hopton et al.	07/03/2001	
		6,263,635		Czaplicki	07/24/2001	
		6,270,600		Wycech	08/07/2001	
		6,272,809		Wycech	08/14/2001	
	6,276,105		Wycech	08/21/2001		
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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Ts
		Office ³	Number ⁴				
		WO	99/28575	Sika AG	06/10/1999		
		WO	00/03894	Cascade Engineerin	01/27/2000		
		WO	01/83206	Sika Corporation	11/08/2001		
		JP	61 118 211	Toyota	06/05/1986		
		JP	01 164 867	Toyota	06/28/1989		
		DE	40 28 895 C1	Mercedes-Benz	02/20/1992		
		WO	95/32110	Wycech, Joseph S.	05/08/1995		
		EP	0 775 721 A1	Mitsubishi	05/28/1997		
		FR	2 749 263 A1	Renault	12/05/1997		X
		DE	198 56 255 C1	Moeller Plast	01/20/2000		X

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	Application Number	10/696,314	
	Filing Date	10/29/2003	
	First Named Inventor	Michael J. Czaplicki	
	Group Art Unit	1733	
	Examiner Name	Unknown	
Sheet 3	of 3	Attorney Docket Number	1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		6,281,260		Hanley, IV et al.	08/28/2001	
		6,287,666		Wycech	09/11/2001	
		6,296,298		Barz	10/02/2001	
		6,305,136		Hopton et al.	10/23/2001	
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		6,315,938		Jandali	11/13/2001	
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		6,321,793		Czaplicki et al.	11/27/2001	
		3,868,796		Bush	03/04/1975	
		4,378,395		Asoshina et al.	03/29/1983	
		6,303,672		Papalos et al.	10/16/2001	
		6,332,731		Wycech	12/25/2001	
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		6,348,513		Hilborn et al.	02/19/2002	
		5,902,656		Hwang	05/1999	
		5,194,199		Thum	03/16/1993	
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		6,486,256		Tabutton et al.	11/26/2002	
		6,183,013		Mackenzie et al.	02/06/2001	
		6,216,509		Lotspaih et al.	04/17/2001	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
		WO	00/12595	Henkel Corporation	04/09/2000		
		WO	00/27920	Sika	05/18/2000		
		DE	198 58 903 A1	Opel	06/21/2000		
		WO	99/48746	Moller Plast GmbH	09/30/1999		
		JP	2001191947	Honda Motor Co. Ltd.	07/17/2001		
		EP	0 236 291	Austria Metall Aktiengesellschaft	09/09/1987		
		DE	196 44 047 A1	Bayerische Motoren Werke AG	05/07/1998		
		WO	98/36944	Raychem Corporation	08/27/1998		
		WO	00/43254	Henkel Corporation	07/27/2000		
		WO	00/55444	L&L Products, Inc.	09/21/2000		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
Sheet 1 of 1		Application Number	10/696,314
		Filing Date	10/29/2003
		First Named Inventor	Michael J. Czaplicki
		Group Art Unit	1733
		Examiner Name	Unknown
		Attorney Docket Number	1001-012C1

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
[Handwritten signature]		D457,120 S		Broccardo et al.	05/14/2002	
		5,931,474		Chang et al.	08/03/1999	
		6,368,438		Chang et al.	04/09/2002	
		6,372,334		Wycech	04/16/2002	
		6,382,635		Fitzgerald	05/07/2002	
		6,389,775		Steiner et al.	05/21/2002	
		6,406,078		Wycech	06/18/2002	
		6,413,611		Roberts et al.	07/02/2002	
		3,649,375		P.S. Venkatesan	03/14/1972	
		5,884,960		Wycech	03/23/1999	
		5,474,721		Stevens	12/1995	
		5,885,494		Venkataraman et al.	03/1999	
		6,467,834		Barz et al.	10/2002	
		6,471,285		Czaplicki et al.	10/2002	
		6,482,486		Czaplicki et al.	11/2002	
		5,475,911		Wells et al.	12/1995	
		6,254,488		Hill	07/2001	
		2002/0053179		Wycech	05/09/2002	
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		2002/0074827		Fitzgerald et al.	06/20/2002	

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴				
		EP	0 893 332 B1	Henkel Corporation	01/27/1999		
		EP	1 122 156 A2	Sika Corporation	08/08/2001		
		JP	02001191949A	Neoex Lab Inc.	07/17/2001		
		wo	99/20516	Cosma International Inc.	04/29/1999		
		wo	87/01978	Gesensschmiede Schneider	04/09/1987		
		wo	89/06595	Sekisui Kagaku Kogyo	07/27/1989		
		DE	19635734	A1 Ebbinghaus, Alfred	04/03/1997		
		DE	29904705	U1 Mannesmann AG	06/17/1999		
		EP	0679501	A1 Ymos Aktiengesellschaft	11/02/1995		
		DE	19753658	A1 Fraunhofer-Gesellschaft zur	06/17/1999		

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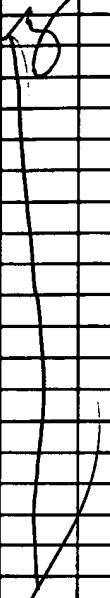
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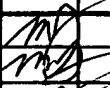
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Sheet	1	of	1
		Application Number	10/696,314
		Filing Date	10/29/2003
		First Named Inventor	Michael J. Czaplicki
		Group Art Unit	1733
		Examiner Name	Unknown
		Attorney Docket Number	1001-012C1

U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
		6,358,584		Czaplicki	03/19/2002	
		6,383,610		Barz et al.	05/07/2002	
		6,422,575		Czaplicki et al.	07/23/2002	
		6,419,305		Larsen	07/16/2002	
		6,474,722		Barz	11/2002	
		6,482,486		Czaplicki et al.	11/19/2002	
		6,467,834		Barz et al.	10/22/2002	
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		6,668,457		Czaplicki	12/30/2003	
		6,692,347		Schneider	02/17/2004	
		6,634,698		Kleino	10/21/2003	
		6,502,821		Schneider	01/07/2003	
		6,620,501		Kassa et al.	09/16/2003	
		6,682,818		Czaplicki et al.	01/27/2004	
		6,729,425		Schneider et al.	05/04/2004	
		2004/0074150		Wycech	04/22/2004	
		2002/0074827		Fitzgerald et al.	06/20/2002	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	1 362 683	A2	L&L Products, Inc.	11/19/2003		
		EP	1 362 769	A1	L&L Products, Inc.	11/19/2003		
		WO	03/042024	A1	L&L Products, Inc.	05/22/2003		
		DE	42 27 393	A1	Volkswagen AG	03/04/1993		
		EP	1 366 960	A1	Hexcel Corporation	12/03/2003		

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Sheet 1 of 1

Application Number	10/696,314
Filing Date	10/29/2003
First Named Inventor	Michael J. Czaplicki
Group Art Unit	1733
Examiner Name	Unknown
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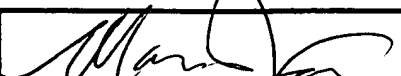
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		Application Number	10/696,314
		Filing Date	10/29/2003
		First Named Inventor	Michael J. Czaplicki
		Group Art Unit	1733
		Examiner Name	Unknown
Sheet 1	of 0	Attorney Docket Number	1001-012C1

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		International Search Report dated October 19, 2001	
		Written Opinion dated December 31, 2001.	
		International Preliminary Examination Report dated April 19, 2002	

Examiner Signature		Date Considered	5-30-06
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